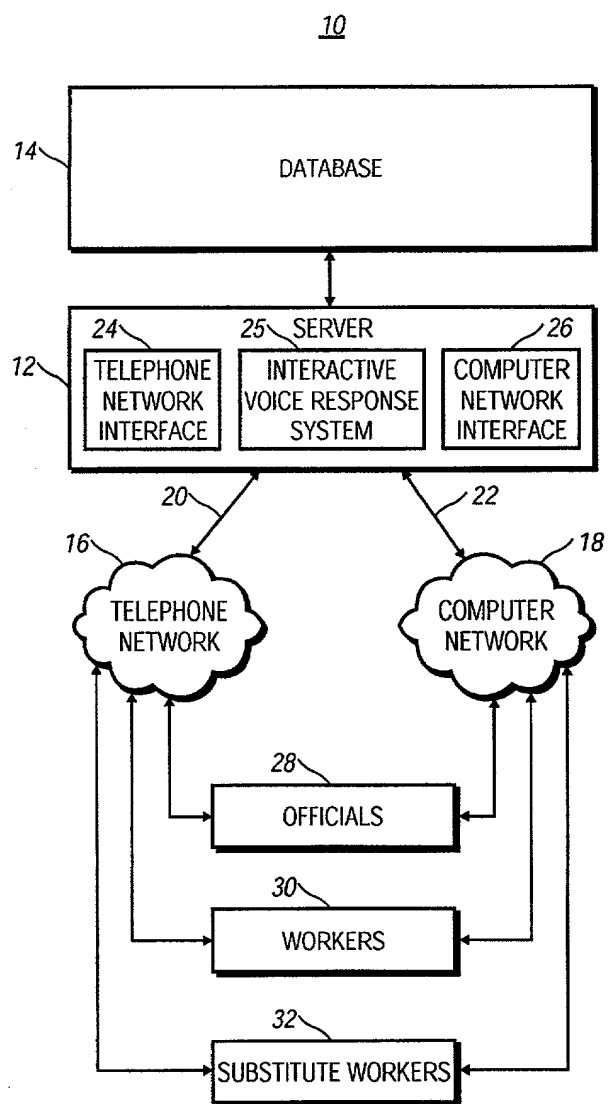
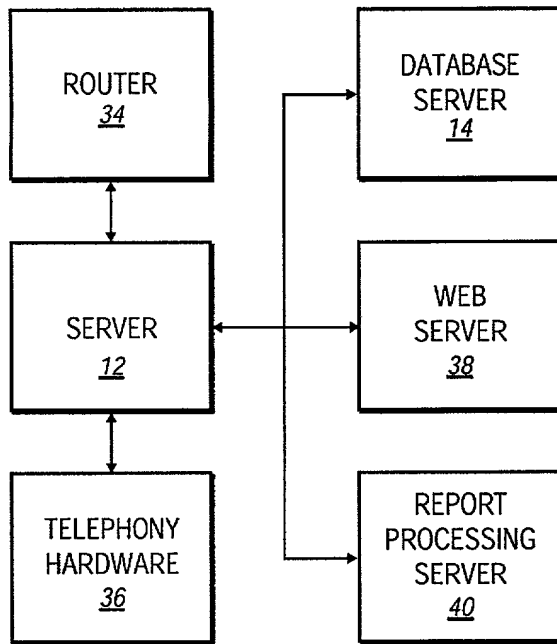


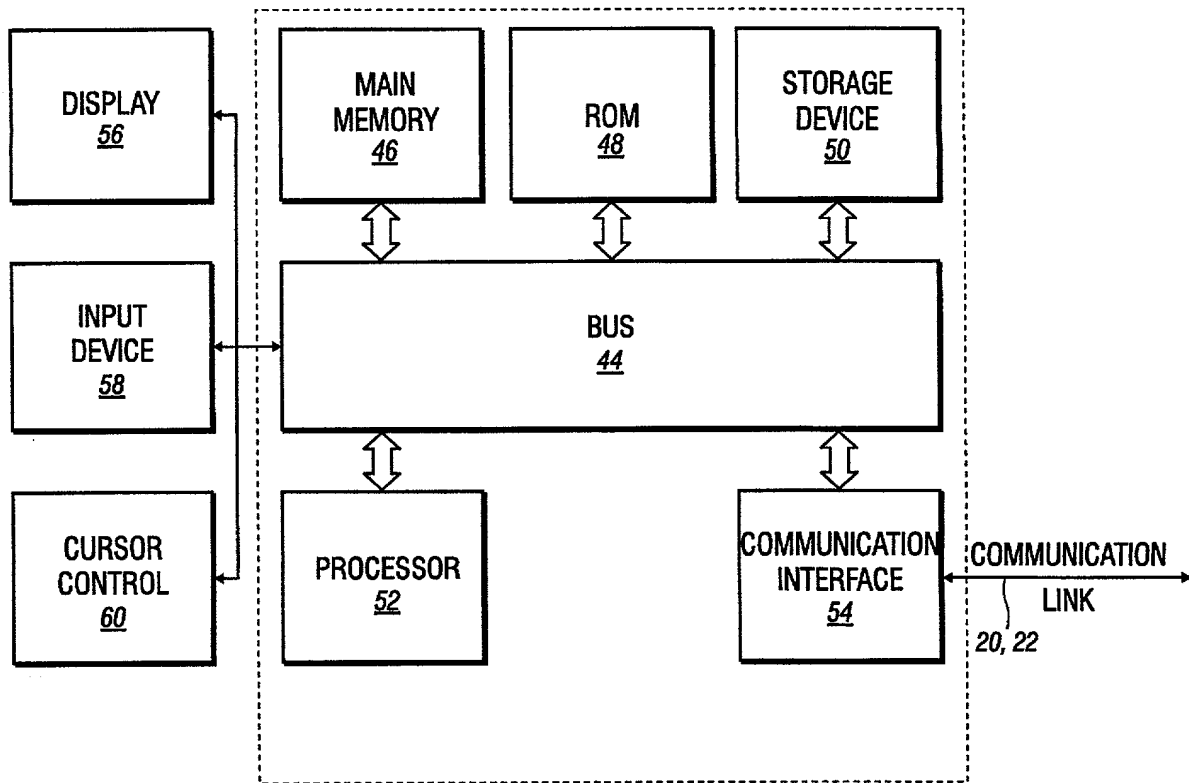
FIG. 1A



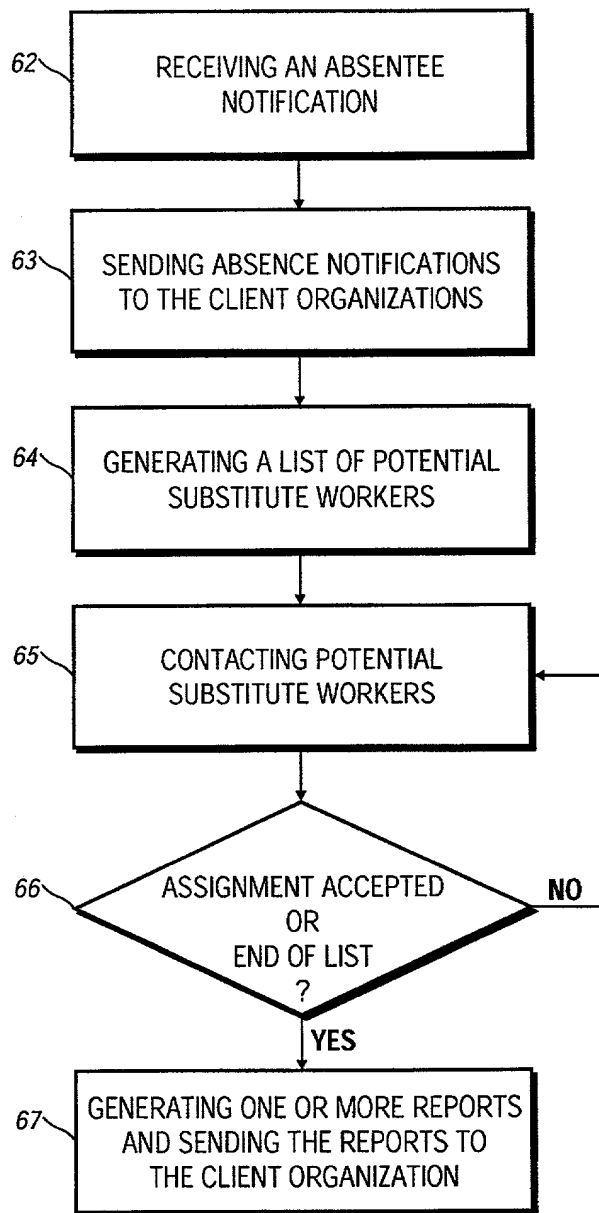
**FIG. 1A**



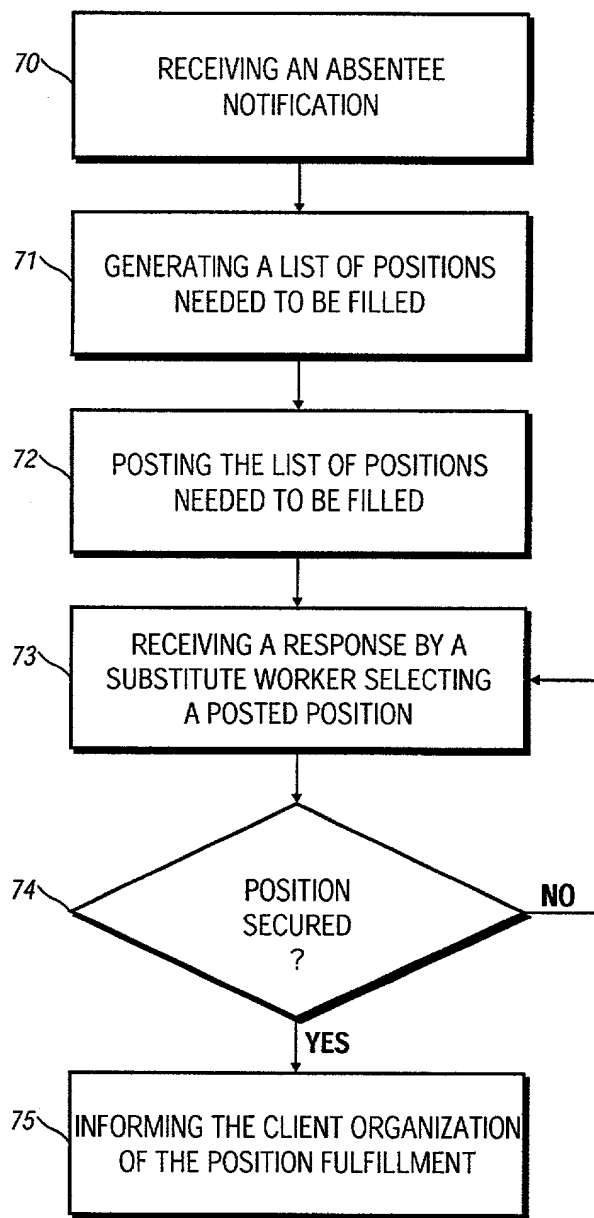
**FIG. 1B**



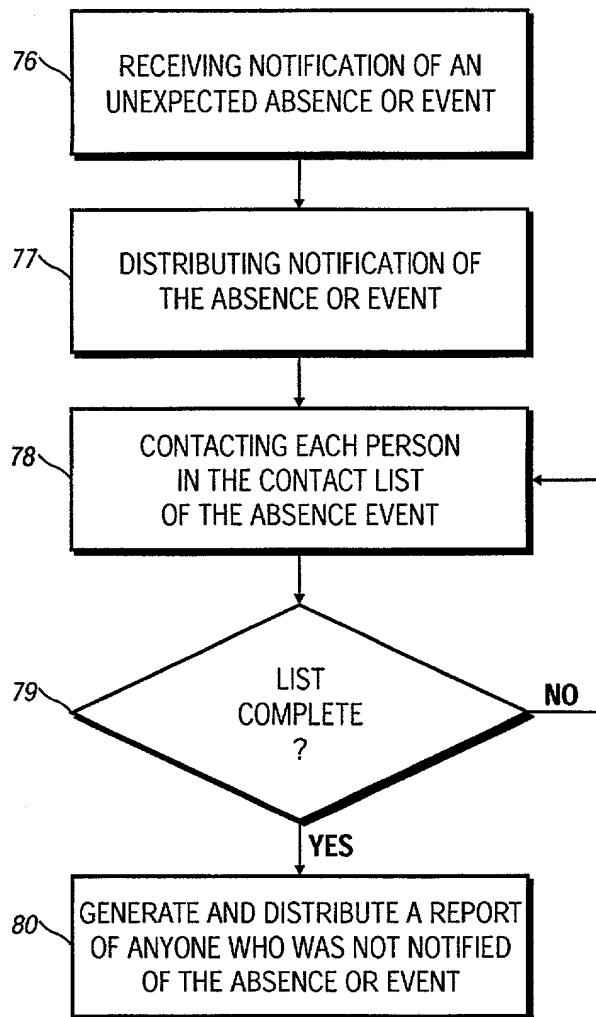
**FIG. 1C**



**FIG.2A**



**FIG.2B**



**FIG.2C**

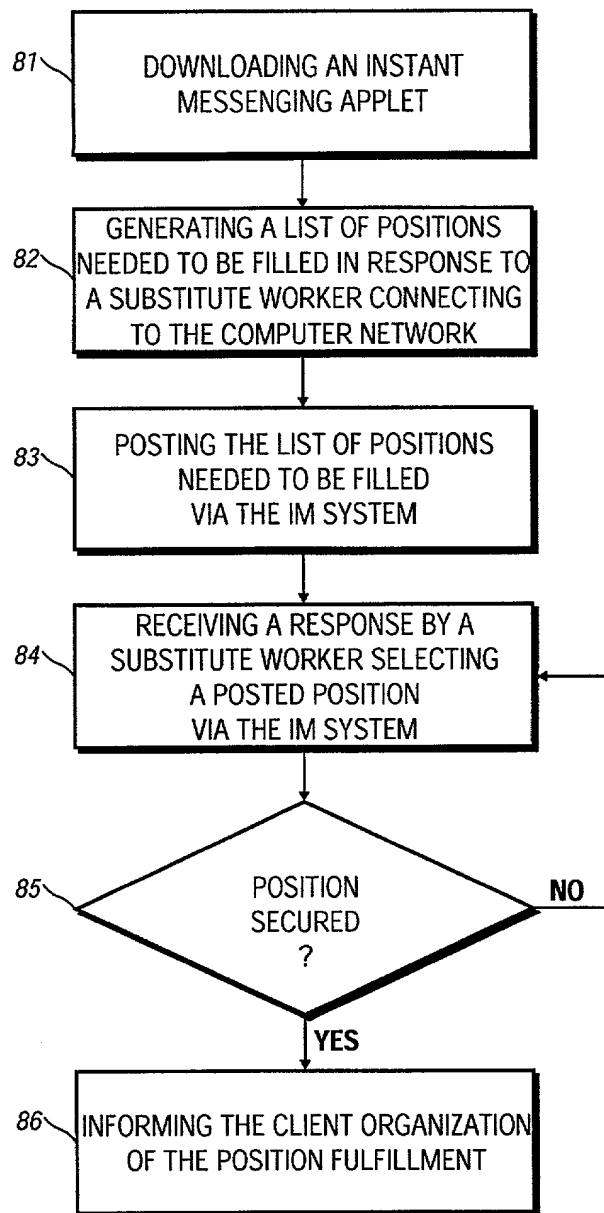


FIG.2D

90

<b>STAFF</b>	92
Name	94
Title	96
Social Security Number	98
Pin	100
Cross reference to billing contact	102
Certification(s)	104
Substitute preferences	106
Schedule manipulation	108
Absence record	110
School reference	112
District reference	114
County reference	116
E-mail address	118
Fax number	120
Room/Office number	122
Special flag for recorded messages	124
Entitlement balances	126
Availability	128
Call time preferences	

**FIG. 3**

130

<b>Business Data</b>	132
Billing address	134
Mailing address	136
Billing contact	
Emergency contact	138
Evening	
Weekend	
Business	
Phone number	140
Fax number	142
E-mail	144
PO #	146
Options turned on	148

**FIG. 4**

150

<b>Pick-Lists</b>	
Field preferences	152
Required	
Visible	
Default data	154
Field data	
Type	156
Certification	158
Entitlement types	160
People	162
Schools	164
District	

**FIG. 5**

166

<b>School Data</b>	
Name	168
Code	170
Type	172
Principal	174
Fax	176
Assign fax list	178
Phone	180
Secretary	182
Assign substitute	184
Assign staff	186
Record/Play	188

**FIG. 6**

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190

<b>County Data</b>	192
Name	194
Code	196
State	198
Associate districts	200
Assign substitutes	

**FIG. 7**

202

<b>District Data</b>	204
Name	206
Code	208
District address	210
Phone	212
Fax	214
Assign fax list	216
Administrator/Board secretary	218
Associate schools	220
Assign substitutes	222
Assign staff	224
Record/Play	

**FIG. 8**

226

<b>Preferences</b>	
Options	
Calling numbers	
Select internet/intranet calling profiles	228
Password	
Key value	

**FIG. 9**

230

<b>Reports</b>	232
Acceptance/refusal history	234
Call History	236
Unfulfilled	237
Teacher manifest	238
Trend analysis	240
Substitute manifest	242
School manifest	244
Substitute performance	246
Acceptance rating	248
Flexibility rating	
Trend analysis	
Staff attendance	
Staff calendars	
Assignment reports	
School	
District	
County	

**FIG. 10**

250

<b>Wizard</b>	252
Phone	254
Emergency phone	256
Contact	258
Billing address	260
District	262
Title	264
Number of teachers (approx.)	266
Number of support staff (approx.)	268
Fax number	270
E-mail address optional	272
Billing contact optional	

**FIG. 11**

09683093-11601  
T094T "00000000

ABSENTEE REPORT					
276	Date: 1/8/98		Time: 14:40:08		
	Name	Social Security #	Phone #	Title	Time
	Smith, John, T.	005-75-2243	(609)-555-1111	Social Studies	14:39:50
	Date:	1/8/98			
	Type:	Sick			
	F/H Day:	Half Day/PM			

SUBSTITUTE ASSIGNMENT REPORT		
278	Date: 1/8/98	Time: 17:08
	Name: Smith, John, T.	SSN: 005-75-2243
	Title: Social Studies gr 8	School ID: 011
	Location: Howard	School: 50 South School Street
	Substitute Information	
	Name: Smith, Charles	SSN: 005-76-2214
Contact Date: 1/8/98	Time: 17:06	

CALL HISTORY REPORT						
279	Date: 1/8/98		Time: 17:08			
	Name: Smith, John, T.		SSN: 005-75-2243			
	Date: 1/8/98	Time: 17:04	Line: Answer	Status: No Contact	Sub: Smith, Mark, C.	
	Date: 1/8/98	Time: 17:05	Line: Answer	Status: Rejected	Sub: Jones, Pat, B.	
	Date: 1/8/98	Time: 17:06	Line: Answer	Status: Accepted	Sub: Smith, Charles D.	

UNFULFILLED SUBSTITUTE ASSIGNMENT REPORT		
280	Date: 1/8/98	Time: 19:10
	Name: Hitchens, Jack, R.	SSN: 008-73-2278
	Title: English gr 11	School ID: 012
	Location: Blair	School: 123 South Main Street

FIG. 12

States		Events							
ST = State Transition		Start	Receive a call	Receive Valid Input	Receive Invalid Input	Timeout	Max Retries Reached		
Telephony Application									
Teacher Call-in									
281	Initial	Prompt for SS Number	Take phone offhook; Generate "Start" Event	ST: MainMenu	ST: ErrorState	ST: Hangup	N/A		
282	MainMenu	"1" Record Absence; "2" Listen to Entitlement Day Balances; "3" Special Instructions	N/A	"1" Pressed ST: Whenstep 1; "2" Pressed Entitlements	Play Error Message; Generate "Start" Event	Play Error Message; Generate "Start" Event	ST: Goodbye		
283	Whenstep 1	"1" Today; "2" Another Day	N/A	"1" ST: Shift; "2" ST: WhenAnotherDay	Play Error Message; Generate "Start" Event	Play Error Message; Generate "Start" Event	ST: Goodbye		
284	WhenAnotherDay	Prompt for day of the month followed by the "#" sign	N/A	ST: Shift	Play Error Message; Generate "Start" Event	Play Error Message; Generate "Start" Event	ST: Goodbye		
285	Shift	"1" Full Day; "2" Half day AM; "3" Half day PM;	N/A	ST: Absence Type or if required ST: StartTime	Play Error Message; Generate "Start" Event	Play Error Message; Generate "Start" Event	ST: Goodbye		
286	StartTime	Prompt for a military time	N/A	ST: Absence Type	Play Error Message; Generate "Start" Event	Play Error Message; Generate "Start" Event	ST: Goodbye		
287	Absence Type	List Valid Absence Types from database	N/A	ST: ConfirmAbsence or if required ST: RecordInstructions	Play Error Message; Generate "Start" Event	Play Error Message; Generate "Start" Event	ST: Goodbye		
288	RecordInstructions	Play instructions for recording a message	N/A	ST: ConfirmAbsence	Play Error Message; Generate "Start" Event	Play Error Message; Generate "Start" Event	ST: Goodbye		
		①	②	③	④	⑤	⑥	⑦	⑧

FIG. 13A (1 of 2)

	1	2	3	4	5	6	7	8
289	ConfirmAbsence	Replay contents of absence, prompt user to confirm;	N/A	"1" Pressed, ST: CheckComplete; "2" Pressed, ST: WhenAnotherDay	Play Error Message; Generate "Start" Event	Play Error Message; Generate "Start" Event	ST: Goodbye	
290	CheckComplete	Press "1" Complete call and get confirmation number; "2" Enter an additional absence day;	N/A	"1" Pressed, ST: Goodbye; "2" Pressed, ST: WhenAnotherDay	Play Error Message; Generate "Start" Event	Play Error Message; Generate "Start" Event	ST: Goodbye	
291	Entitlements	List Entitlement Day Balances, ST: MainMenu	N/A	N/A	N/A	N/A	N/A	
292	ErrorState	Play standard error message; ST: Goodbye	N/A	N/A	N/A	N/A	N/A	
293	Hangup	Hangup Phone ST: End	N/A	N/A	N/A	N/A	N/A	
294	Goodbye	Play goodbye message; ST: Hangup	N/A	N/A	N/A	N/A	N/A	

FIG. 13A (2 of 2)

States		Events				
ST = State Transition		Start	Receive a call	Receive Valid Input	Receive Invalid Input	Timeout
School Administration Call-in						Max Retries Reached
295	MainMenu	Press "1" School Menu; Press "2" Entitlement Types Menu	N/A	"1" Pressed ST: RecordSchoolMenu; "2" Pressed ST: RecordEntTypesMenu	Play Error Message; Generate "Start" Event	Play Error Message; Generate "Start" Event; ST: Goodbye
296	RecordSchoolMenu	Prompt for valid School Recording ID	N/A	ST: RecordSchool, or if "#" pressed ST: MainMenu	Play Error Message; Generate "Start" Event	Play Error Message; Generate "Start" Event; ST: Goodbye
297	RecordSchool	Play existing recording, if exists then prompt "1" to record new prompt, "#" to return to School Menu	N/A	"1" Pressed, record/verify prompt, ST: RecordSchoolMenu; "#" ST: RecordSchoolMenu	Play Error Message; Generate "Start" Event	Play Error Message; Generate "Start" Event; ST: Goodbye
298	RecordEntTypesMenu	Prompt for valid Entitlement Type Recording ID	N/A	ST: RecordEntTypes, or if "#" pressed ST: MainMenu	Play Error Message; Generate "Start" Event	Play Error Message; Generate "Start" Event; ST: Goodbye
299	RecordEntTypes	Play existing recording, if exists then prompt "1" to record new prompt, "#" to return to Entitlement Menu	N/A	"1" Pressed, record/verify prompt, ST: RecordEntTypesMenu; "#" ST: RecordEntTypesMenu	Play Error Message; Generate "Start" Event	Play Error Message; Generate "Start" Event; ST: Goodbye
300	ErrorState	Play standard error message; ST: Goodbye	N/A	N/A	N/A	N/A
301	Goodbye	Thank caller for using system; ST: Hangup:	N/A	N/A	N/A	N/A
302	Hangup	Hangup Phone ST: End	N/A	N/A	N/A	N/A

FIG. 13B

	States	Events					
	ST = State Transition	Start	Receive a call	Receive Valid Input	Receive Invalid Input	Timeout	Max Retries Reached
	FrontLine Administration Call-in						
303	RecordFilesMenu	Prompt for the recording ID of the message file	N/A	ST: RecordFiles	Play Error Message; Generate "Start" Event	Play Error Message; Generate "Start" Event	ST: Goodbye
304	RecordFiles	Play existing recording, if exists then prompt "1" to Record new prompt, "#" to return to Record Files Menu	N/A	"1" Pressed, record/verify prompt, ST: RecordFiles; "#" ST: RecordFiles	Play Error Message; Generate "Start" Event	Play Error Message; Generate "Start" Event	ST: Goodbye
305	ErrorState	Play standard error message; ST: Goodbye	N/A	N/A	N/A	N/A	N/A
306	Goodbye	Thank caller for using system; ST: Hangup:	N/A	N/A	N/A	N/A	N/A
307	Hangup	Hangup Phone ST: End	N/A	N/A	N/A	N/A	N/A

**FIG. 13C**

States	Events					
	Start	Receive a call	Receive Valid Input	Receive Invalid Input	Timeout	Max Retries Reached
Substitute Call-out						
308 MakeTheCall	Dial the telephone number; ST: CallAnalysis	N/A	N/A	N/A	N/A	N/A
309 CallAnalysis	Determine how the call was or was not answered	N/A	Person Answers; ST: Identify	Person does not answer; N/A	N/A	N/A
310 Identify	Prompt for SS Number or PIN Number	N/A	ST: PresentRequest	Generate "Start" Event	N/A	ST: Goodbye
311 PresentRequest	Play request, prompt substitute to "1"Replay; "2"Accept; "3"Reject	N/A	"1"Replay, Generate Start Event; "2" ST: AcceptRequest; "3" ST: RejectRequest	Play Error Message; Generate "Start" Event	Play Error Message; Generate "Start" Event	ST: Goodbye
312 RejectRequest	Reject w/No more calls; "2"Reject allowing for additional calls	N/A	ST: Goodbye	Play Error Message; Generate "Start" Event	Play Error Message; Generate "Start" Event	ST: Goodbye
313 AcceptRequest	Play confirmation number; ST: Goodbye	N/A	N/A	N/A	N/A	N/A
314 ErrorState	Play standard error message; ST: Goodbye	N/A	N/A	N/A	N/A	N/A
315 Goodbye	Thank caller for using system; ST: Hangup;	N/A	N/A	N/A	N/A	N/A
316 Hangup	Hangup Phone ST: End	N/A	N/A	N/A	N/A	N/A

FIG. 13D

States	Events					
ST = State Transition	Start	Receive a call	Receive Valid Input	Receive Invalid Input	Timeout	Max Retries Reached
317	Fax Callout					
318	MakeTheCall	Call FaxNumber ST: CallAnalysis	N/A	N/A	N/A	N/A
319	CallAnalysis	Determine if Fax Answered	N/A	Fax Answered ST: FaxSend	Fax did not Answer ST: Hangup	N/A
320	FaxSend	Send Fax ST: End				
321	ErrorState	Play standard error message; ST: Goodbye	N/A	N/A	N/A	N/A
322	Goodbye	Thank substitute using system; ST: Hangup:	N/A	N/A	N/A	N/A
323	Hangup	Hangup Phone ST: End	N/A	N/A	N/A	N/A

**FIG. 13E**

	Client	Events									
	States	Have Data	Don't Have Data	File Created	Connect FTP	Did Not Connect to FTP	File not there	Max Tries	Startup	Bad format	Save
323	Extract	Create file ST: Send	Create File St: Send								
324	Send			Create FTP Session; Send File	Verify file was sent ST: Receive; Else ST: Error			Error			
325	Receive						Check for file if pres. ST: import Else ST: Wait	Error			
326	Import							Opens files; Verify file format	Refuse all Changes	Save Changes	
327	Cleanup							Moves files to archive; Sets last sync dates for all files			
	Error										

(1)
(2)
(3)
(4)
(5)
(6)
(7)
(8)
(9)
(10)
(11)
(12)

	1	2	3	4	5	6	7	8	9	10	11	12
	Server	Events										
	States	File Found	Startup									
328	Wait	Create File ST: Import Object										
329	Import Object		Opens; Verifies; Reads; Saves or discards;									
330	Extract	Create File ST: Import Object	Create export file; ST: Send									
331	Send		Close file; copies to FTP site									

**FIG. 13F ( 2 of 2 )**

09683093-1-100

Project Name : aesop0714  
 Project Directory : C:\PROGRA-1\EAS\VER\AESOP\  
 User Name :  
 Chart Name : Aesop0714  
 Chart Filename : aesopc-1.dbe  
 Chart Notation : IDEF1X  
 Date : Jul-19-1999  
 Logical Data Model

**Report Schedule**  
 RPTS\_ID Integer <PK,AK1,AK2>  
 RPTS\_Old1 Date Time  
 INST\_ID Integer <FK1>  
 RPT\_ID Integer <FK2>  
 RPTS\_User Integer  
 RPTS\_LastUpdate Date Time  
 RPTS\_LastSync Date Time  
 RPTS\_Deleted SmallInt  
 RPTS\_RunTime VarChar(5)

**Institution Level**  
 INSLVL\_ID Integer <PK,AK1,AK2>  
 INSLVL\_Name VarChar(20)  
 INSLVL\_Level SmallInt

**Report Type**  
 RPTT\_ID Integer <PK,AK1,AK2>  
 RPTT\_Description VarChar(20)

**Report**  
 RPT\_ID Integer <PK,AK1,AK2>  
 RPT\_Name VarChar(50)  
 RPT\_FileName VarChar(80)  
 RPTT\_ID Integer <FK1>  
 RPT\_User Integer  
 RPT\_LastUpdate Date Time  
 RPT\_LastSync Date Time  
 RPT\_Deleted SmallInt  
 ORG\_ID Integer

**Institution**  
 INST\_ID Integer <PK,AK1,AK2>  
 INST\_Name VarChar(50)  
 INST\_Parent Integer <FK2>  
 INST\_Phone Char(15)  
 INST\_Fax Char(15)  
 INST\_Email VarChar(80)  
 INST\_Addr1 VarChar(40)  
 INST\_Addr2 VarChar(40)  
 INST\_City VarChar(30)  
 INST\_State Char(2)  
 INST\_Zip Char(9)  
 INST\_Active SmallInt  
 INSLVL\_ID Integer <FK3>  
 ORG\_ID Integer <FK4>  
 VOX\_ID Integer <FK6>  
 TIMZ\_ID Integer <FK5>  
 INST\_CutoffTime VarChar(5)  
 CGRP\_ID Integer <FK1>  
 INST\_User VarChar(10)  
 INST\_LastUpdate Date Time  
 INST\_LastSync Date Time  
 INST\_Deleted SmallInt  
 INST\_Extm\_Number VarChar(25)

①

②

③

④

⑤

FIG 14 ( 1 of 10 )

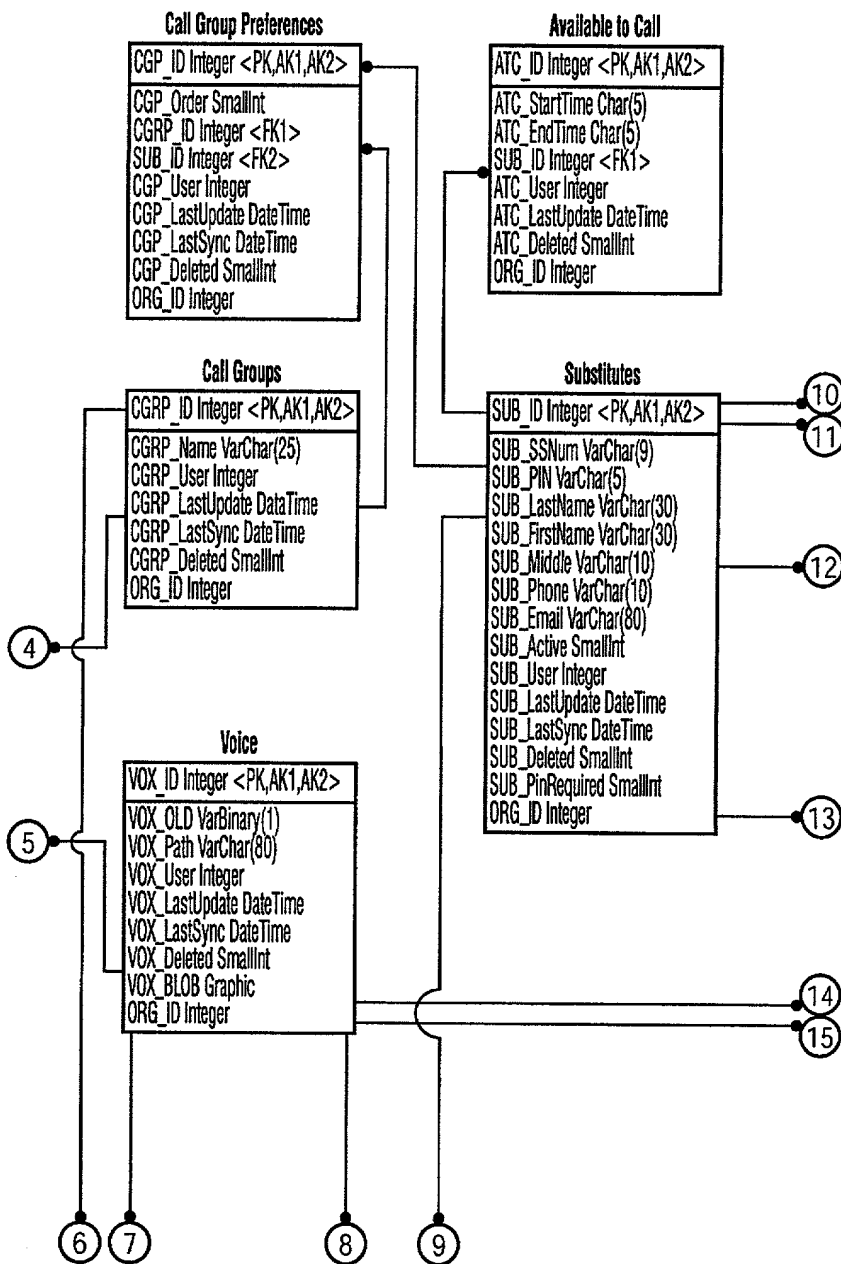


FIG 14 ( 2 of 10 )

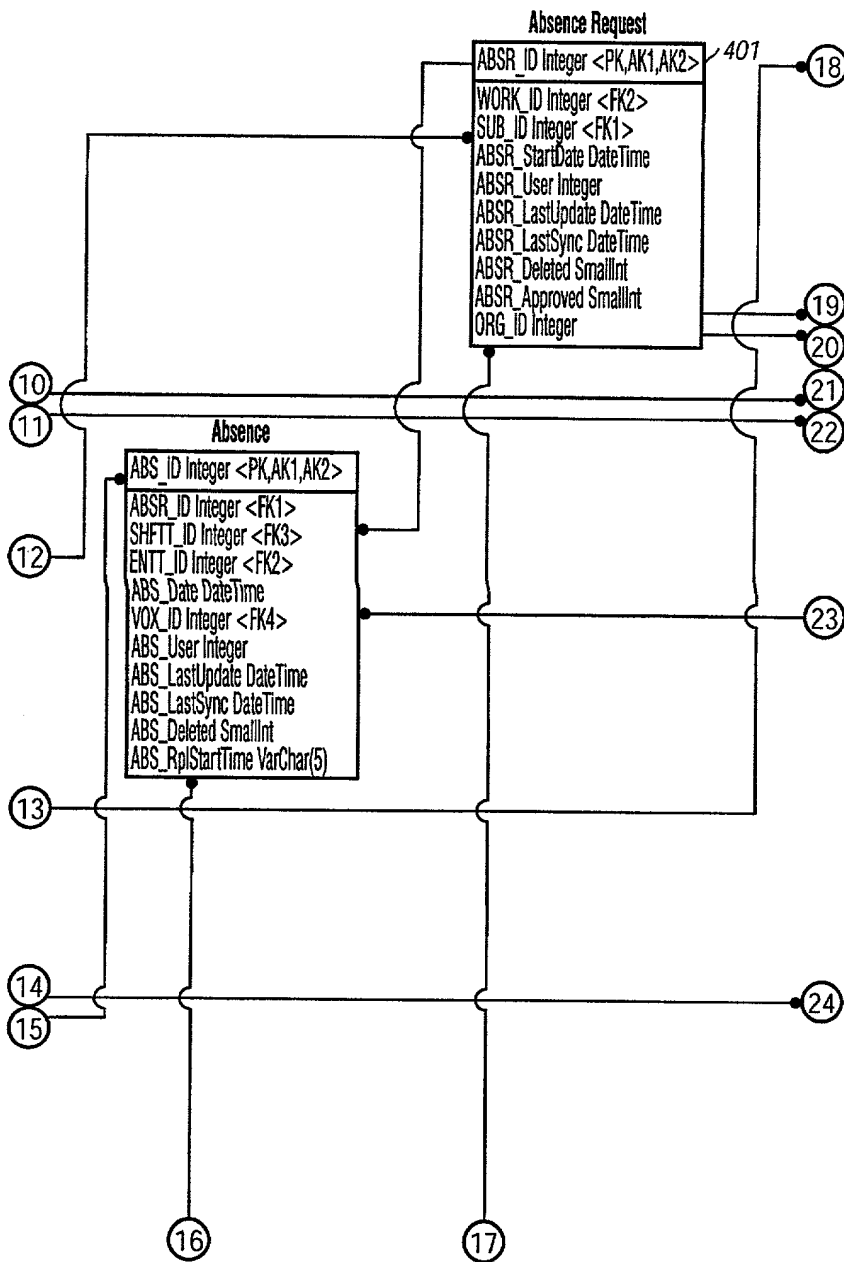


FIG 14 ( 3 of 10 )

09683093 4 of 10

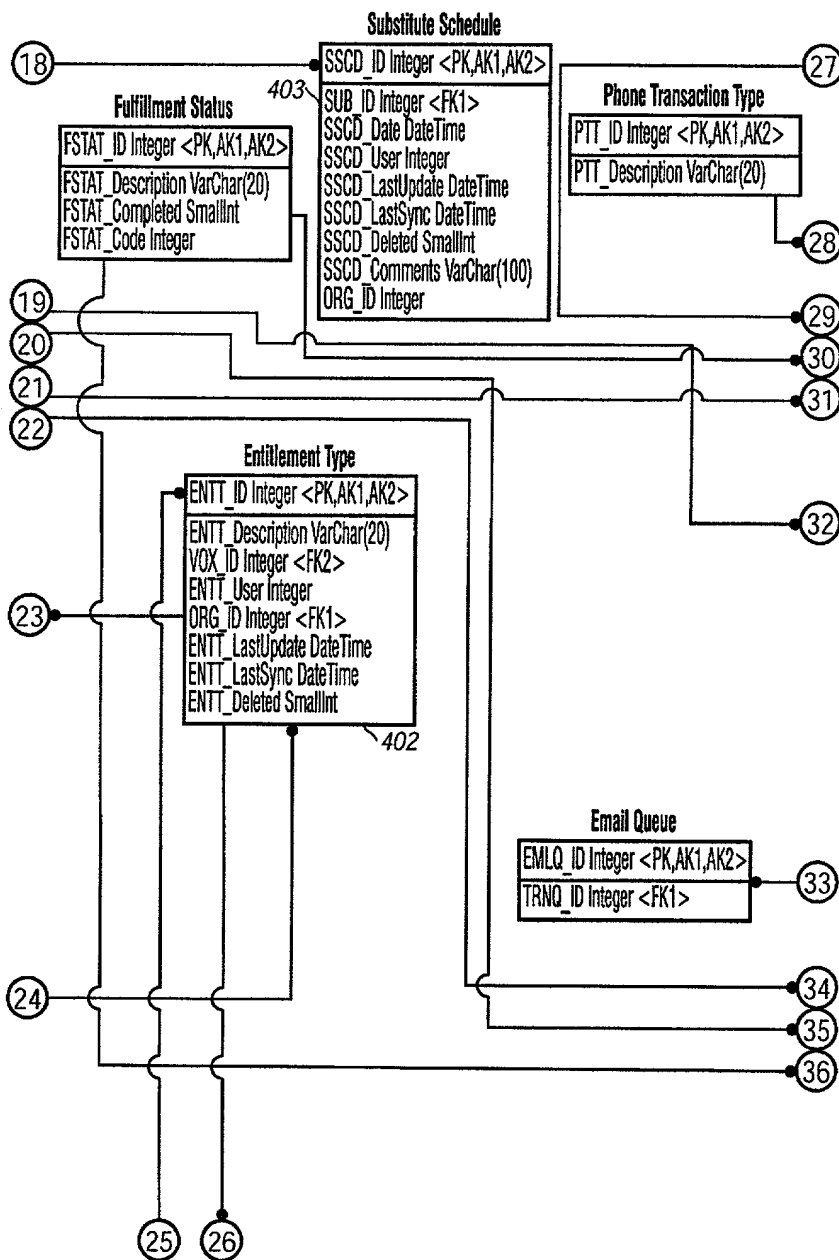


FIG 14 ( 4 of 10 )

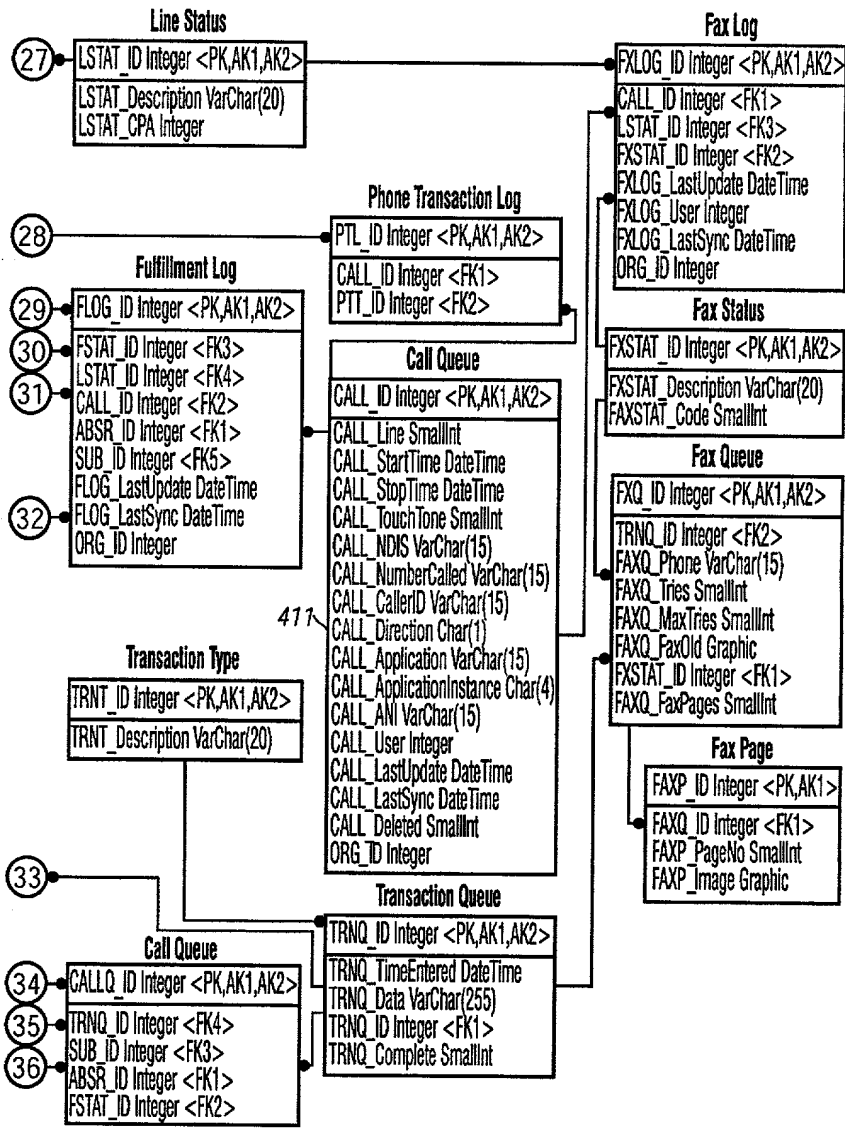


FIG 14 ( 5 of 10 )

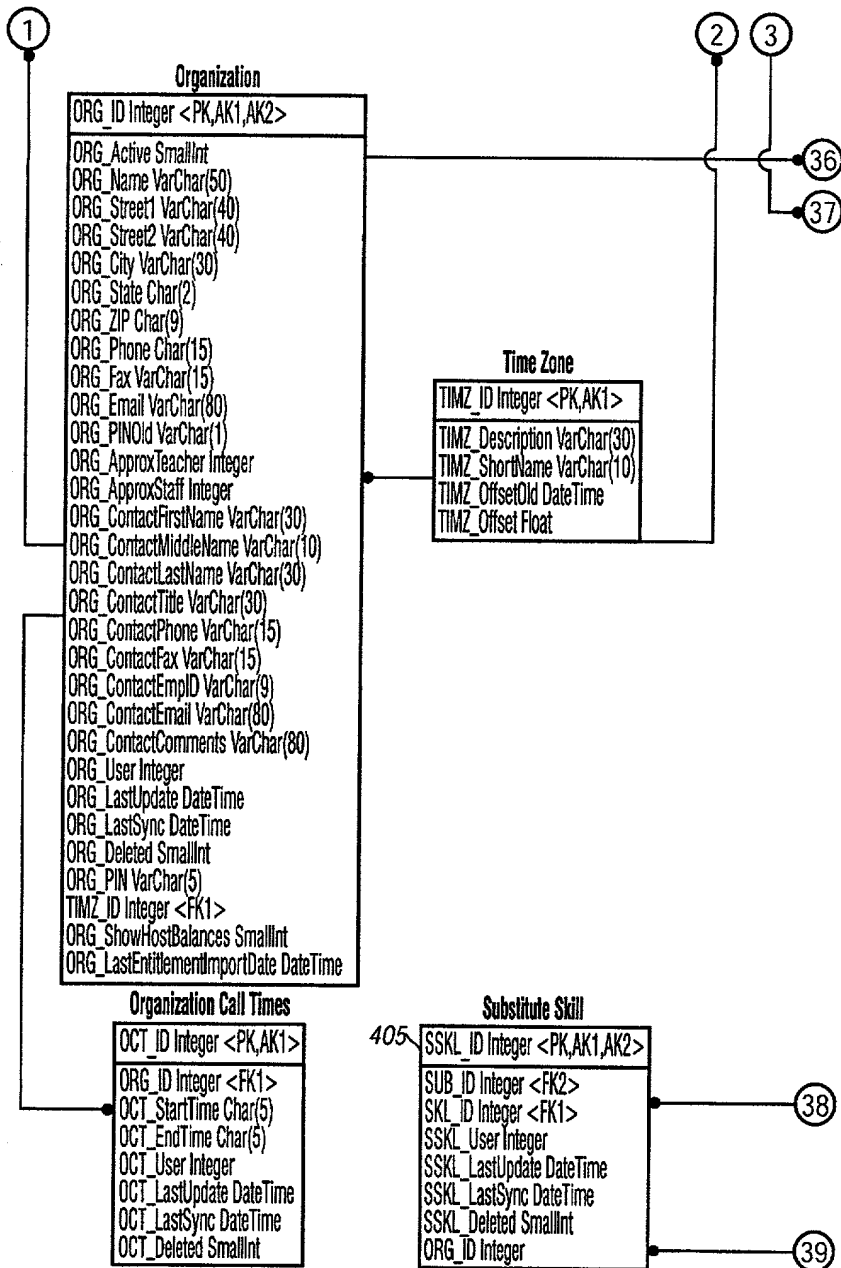


FIG 14 ( 6 of 10 )

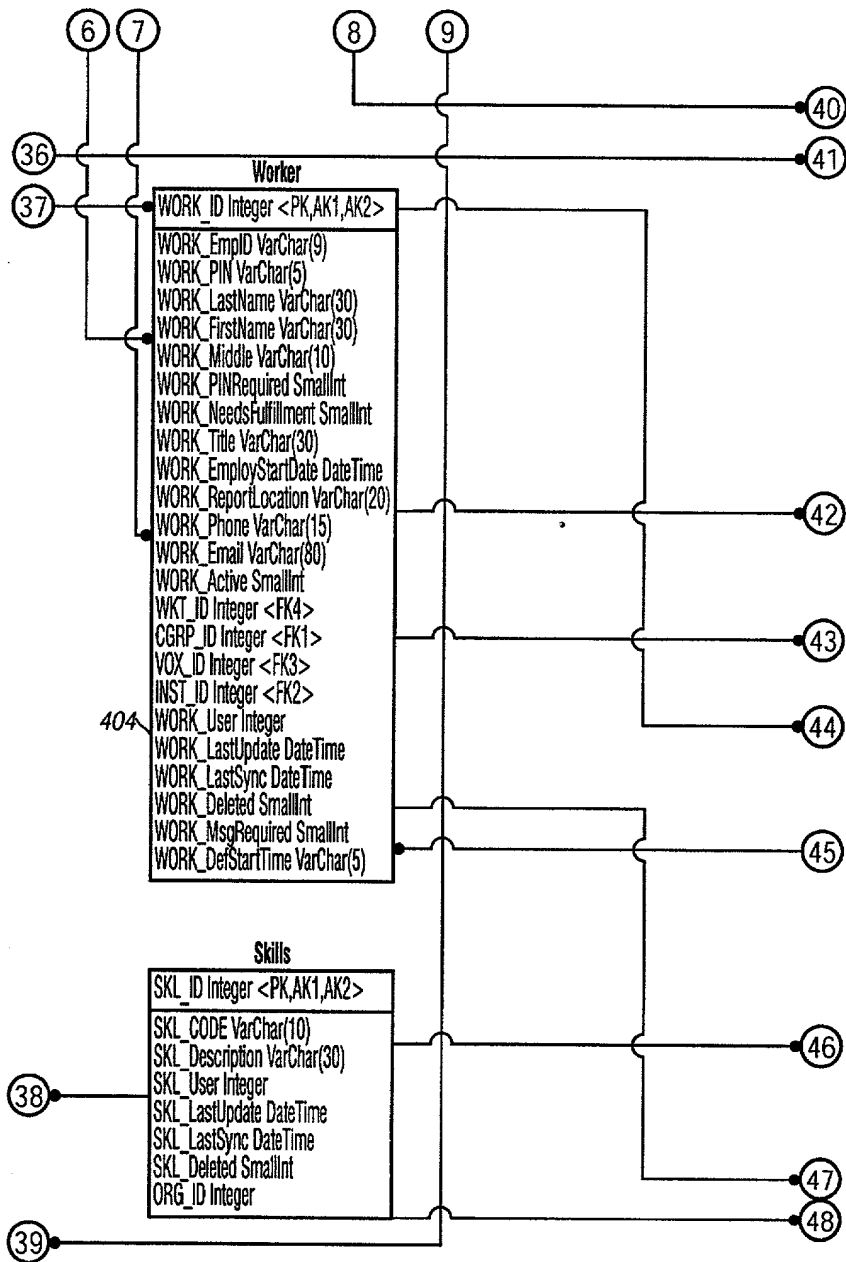


FIG 14 ( 7 of 10 )

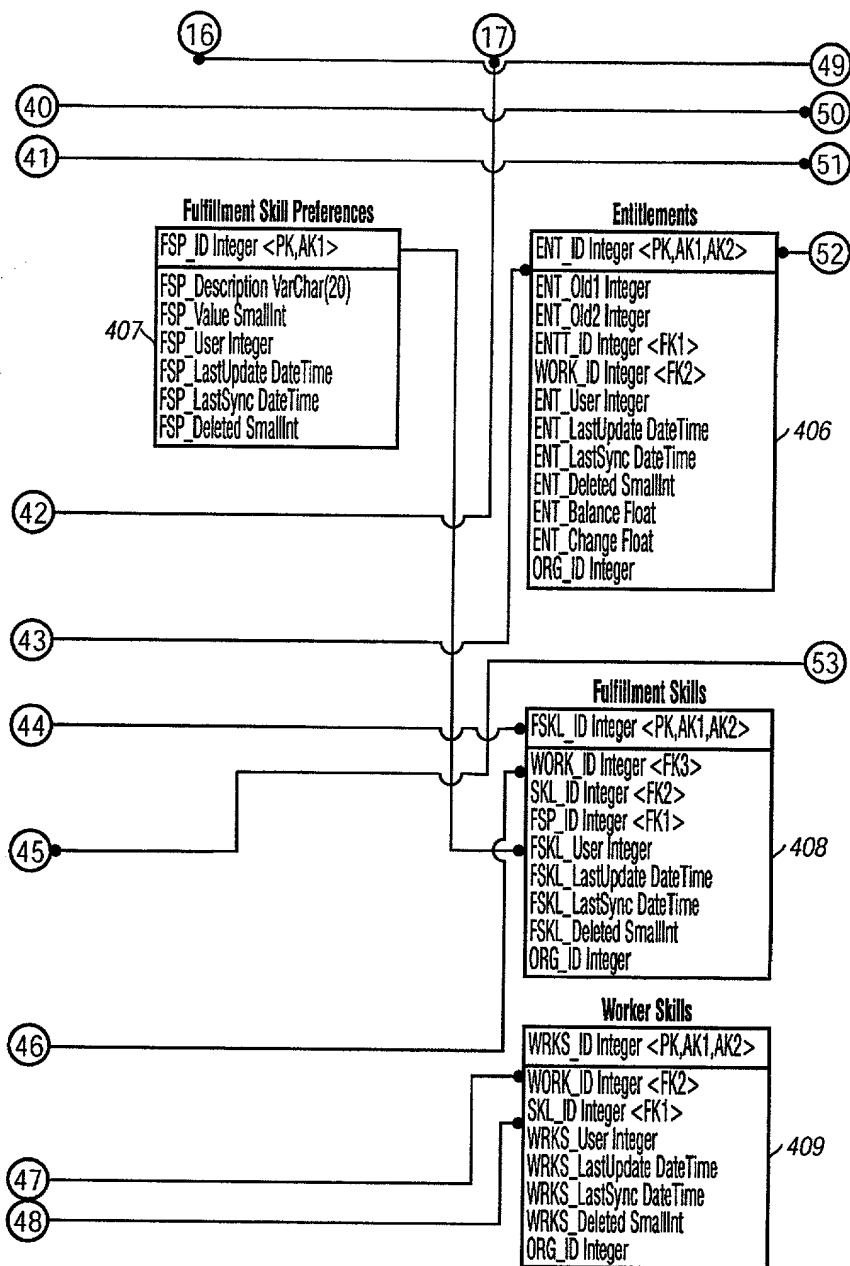


FIG 14 ( 8 of 10 )

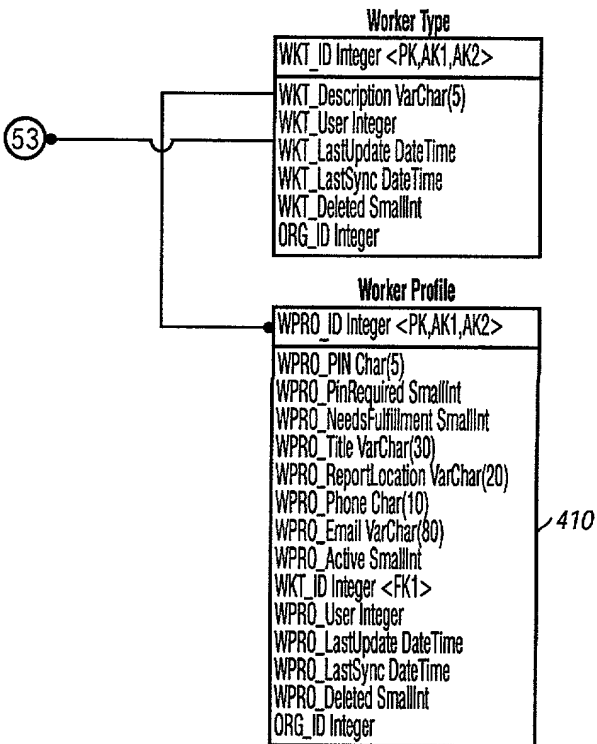
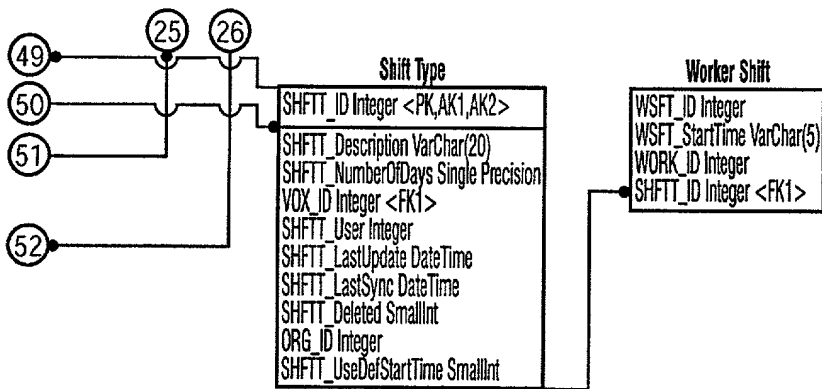


FIG 14 ( 9 of 10 )

<p><b>Support</b></p> <p>SUP_ID Integer &lt;PK,AK1,AK2&gt;</p> <p>ORG_ID Integer</p>	<p><b>Security Type</b></p> <p>SECT_ID Integer &lt;PK,AK1,AK2&gt;</p> <p>SECT_Description VarChar(20)</p> <p>SECT_Level SmallInt</p>	<p><b>TempWebAbsence</b></p> <p>SessionID VarChar(20)</p> <p>WORK_ID Integer</p> <p>ABS_Date DateTime</p> <p>ENTT_ID Integer</p> <p>SHFTT_ID Integer</p> <p>ABS_RptStartTime VarChar(5)</p>
<p><b>Support Information Item</b></p> <p>SII_ID Integer &lt;PK,AK1,AK2&gt;</p> <p>SII_ID Value VarChar(100)</p> <p>SUP_ID Integer &lt;FK1&gt;</p> <p>SI_ID Integer &lt;FK2&gt;</p>	<p><b>Security</b></p> <p>SEC_ID Integer &lt;PK,AK1,AK2&gt;</p> <p>SEC_UserID VarChar(10)</p> <p>SEC_EncryptedPassword VarChar(40)</p> <p>SECT_ID Integer &lt;FK1&gt;</p> <p>SEC_User Integer</p> <p>SEC_LastUpdate DateTime</p> <p>SEC_LastSync DateTime</p> <p>SEC_Deleted Integer</p> <p>ORG_ID Integer</p>	<p><b>diproperties</b></p> <p>id integer &lt;PK,AK1&gt;</p> <p>property VarChar(64) &lt;PK,AK1&gt;</p> <p>objectId integer</p> <p>value VarChar(255)</p> <p>lvalue Graphic</p> <p>version Integer</p>
<p><b>Support Item</b></p> <p>SI_ID Integer &lt;PK,AK1,AK2&gt;</p> <p>SI_ID Description VarChar(20)</p>	<p><b>State</b></p> <p>STATE_ID Char(2)</p> <p>STATE_Name VarChar(40)</p>	<p><b>Recordings</b></p> <p>REC_ID Integer &lt;PK,AK1,AK2&gt;</p> <p>REC_Group VarChar(10)</p> <p>REC_Order Integer</p> <p>REC_FileName VarChar(120)</p> <p>REC_Text Long VarChar</p> <p>REC_Notes VarChar(255)</p> <p>REC_Path VarChar(120)</p> <p>REC_ActionCode Char(1)</p> <p>REC_LastUpdated DateTime</p>
	<p><b>Sync Table</b></p> <p>SYNCT_ID Integer &lt;PK,AK1&gt;</p> <p>SYNCT_TableName VarChar(100)</p> <p>SYNCT_Syncable SmallInt</p>	
	<p><b>Sub_DoNotDisturb</b></p> <p>SUBDND_ID Integer &lt;PK,AK1&gt;</p> <p>SUB_ID Integer</p> <p>ABSR_ID Integer</p>	

APP\_ID=09683093